

44/226 - (C) PAJ / JPO

PN - JP10101696 A 19980421

PA - SHINOTESUTO:KK; JAPAN FOUND CANCER RES

I - C07K14/02 ; C07K1/18 ; C07K1/30 ; C07K1/36 ; C12P21/00

SI - C12N15/09

TI - REMOVAL OF CONTAMINANTS INCLUDED IN PROTEIN EXPRESSED IN  
TRANSFORMANT AND PURIFIED PROTEIN THEREFROM

AB - PROBLEM TO BE SOLVED: To provide the process which can separate and  
remove contaminants included in the substances containing  
proteins expressed by the transformant obtained by the genetic  
recombination technology and can simply and inexpensively obtain a  
protein of high purity without much troublesome and complicated  
steps or not through multi-stage process having many steps and provide  
a protein of high purity freed from contaminants prepared by the  
process.

- SOLUTION: A substance containing a protein expressed by a  
transformant obtained by the genetic recombination technology is  
heated in a buffer solution with a pH of 5.5-7.0 at 55-85 deg.C  
to separate the precipitation formed by this treatment whereby the  
contaminants included in the substance containing a protein  
formed by the gene expression of a transformant are removed.